

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Anti-Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Monoclonal Antibody(Clon: SOD1/2089), Clone: [SOD1/2089], Mouse ABI-36-3165-20**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Anti-Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Monoclonal Antibody(Clon: SOD1/2089), Clone: [SOD1/2089], Mouse                                                                                                                                       |
| Biozol Catalog Number      | ABI-36-3165-20                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | 36-3165-20                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | ABI-36-3165-20-20UG                                                                                                                                                                                                                                           |
| Manufacturer               | Abeomics                                                                                                                                                                                                                                                      |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant full-length human SOD1 protein                                                                                                                                                                                                                    |
| Product Description        | Cu-Zn superoxide dismutase-1 (SOD-1) is a well-characterized cytosolic scavenger of oxygen free radicals that requires copper and zinc binding to potentiate its enzymatic activity. Enzymatically, SOD-1 facilitates the dismutation of oxygen radicals t... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [SOD1/2089]                                                                                                                                                                                                                                                   |
| NCBI                       | <a href="#">6647</a>                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P00441</a>                                                                                                                                                                                                                                        |

|                    |                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Dilute | Immunohistology (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes), |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|